

Docket No.: 2168-001

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled **COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION, AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM**, the specification of which

☒ is attached hereto ☐ was filed on as Application Serial No. and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s):**

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year filed</u>
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**Priority Claimed**

<u>Yes</u>	<u>No</u>
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I hereby claim the benefit under 35 USC §119(c) of any United States provisional application(s) listed below.

**Prior Provisional Application(s):**

<u>Application Number</u>	<u>Filing Date</u>
60/029,856	October 30, 1996

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U. S. Application(s):**

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status: Patented, Pending, Abandoned</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Allan M. Lowe, Reg. No. 19,641; Robert L. Price, Reg. No. 22,685; Stephen A. Becker, Reg. No. 26,527; Robert E. LeBlanc, Reg. No. 17,219; Israel Gopstein, Reg. No. 27,233; Benjamin J. Hauptman, Reg. No. 29,310; Kenneth E. Krosin, Reg. No. 25,735; Frank P. Presta, Reg. No. 19,828; Gilberto M. Villacorta, Reg. No. 34,038; Gene L. Robinson, Reg. No. 33,351; Chittaranjan N. Nirmel, Reg. No. 30,408; Keith E. George, Reg. No. 34,111; Arthur J. Steiner, Reg. No. 26,196; Edward J. Wise, Reg. No. 34,523; David L. Stewart, Reg. No. 37,578; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,804; Alexander Yempolsky, Reg. No. 36,324; Timothy R. DeWitt, Reg. No. 35,857; William H. Bach, Reg. No. 38,038; Irah H. Donner, Reg. No. 35,120; Eric J. Kraus, Reg. No. 36,190; Leon R. Turkevich, Reg. No. 34,035; Michael E. McCaule, Jr., Reg. No. 37,182; Edward A. Becker, Reg. No. 37,777; Kenneth M. Berner, Reg. No. 37,093; James H. Meadows, Reg. No. 33,965; Stephen C. Carlson, Reg. No. 39,925; Michael G. Gilman, Reg. No. 19,114; Glenn Snyder, Reg. No. 41,428; Thomas A. Jolly, Reg. No. 39,241; Keith J. Townsend, Reg. No. 40,358; David J. Serbin, Reg. No. 36,589; Michael A. Messina, Reg. No. 32,424; Andrew R. Rawlins, Reg. No. 34,702; Christopher D. Ward, Reg. No. 41,367; Paul A. Roberts, Reg. No. 40,289 and Leonid D. Thonov, Reg. No. 39,397, all of

LOWE PRICE LEBLANC & BECKER  
99 Canal Center Plaza, Suite 300  
Alexandria, Virginia 22314

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of sole or first inventor: Richard J. Rovinelli

Inventor's signature: Richard J. Rovinelli Date: 10/27/97

Residence: 2504 MANSON VIEW COURT, LEXINGTON, KY 40513

Citizenship: U.S.A.

Post Office Address: 2224 Young Drive, Lexington, Kentucky 40505

Full name of second joint inventor: Walton Sumner, II

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: U.S.A.

Post Office Address: 660 S. Euclid Avenue, St. Louis, Missouri 63110-1093

Full name of third joint inventor: Victor W. Marek

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 2299 Madrone Way, Lexington, Kentucky 40513

Citizenship: U.S.A.

Post Office Address: 773 Anderson Hall, Lexington, Kentucky 40506-0046

I hereby appoint the following attorney(s) and/or agent(s): Allan M. Lowe, Reg. No. 19,641; Robert L. Price, Reg. No. 22,685; Stephen A. Becker, Reg. No. 26,527; Robert E. LeBlanc, Reg. No. 17,219; Israel Gopstein, Reg. No. 27,333; Benjamin J. Hauptman, Reg. No. 29,310; Kenneth E. Krosin, Reg. No. 25,735; Frank P. Presta, Reg. No. 19,828; Gilberto M. Villacorta, Reg. No. 34,038; Gene Z. Robinson, Reg. No. 33,351; Chittaranjan N. Nirmel, Reg. No. 30,408; Keith E. George, Reg. No. 34,111; Arthur J. Steiner, Reg. No. 26,106; Edward J. Wise, Reg. No. 34,523; David L. Stewart, Reg. No. 37,578; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Alexander Yampolsky, Reg. No. 36,324; Timothy R. DeWitt, Reg. No. 35,857; William H. Beha, Reg. No. 38,038; Irah H. Donner, Reg. No. 35,120; Eric J. Kraus, Reg. No. 36,190; Leon R. Turkevich, Reg. No. 34,035; Michael E. McCabe, Jr., Reg. No. 37,182; Edward A. Becker, Reg. No. 37,777; Kenneth M. Berner, Reg. No. 37,093; James H. Meadows, Reg. No. 33,965; Stephen C. Carlson, Reg. No. 39,929; Michael G. Gilman, Reg. No. 19,114; Glenn Snyder, Reg. No. 41,428; Thomas A. Jolly, Reg. No. 39,241; Keith J. Townsend, Reg. No. 40,358; David J. Serbin, Reg. No. 30,589; Michael A. Messina, Reg. No. 33,424; Andrew E. Rawlins, Reg. No. 34,702; Christopher D. Ward, Reg. No. 41,367; Paul A. Roberts, Reg. No. 40,289 and Lennid D. Thenor, Reg. No. 39,397, all of

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Alexandria, Virginia 22314

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

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Full name of sole or first inventor: Richard J. Kovinelli

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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Residence: \_\_\_\_\_

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Citizenship: U.S.A.

---

Post Office Address: 2224 Young Drive, Lexington, Kentucky 40505

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Full name of second joint inventor: Walton Sumner, II

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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Residence: \_\_\_\_\_

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Citizenship: U.S.A.

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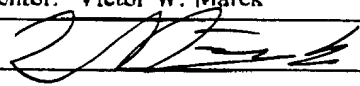
Post Office Address: 660 S. Euclid Avenue, St. Louis, Missouri 63110-1093

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Full name of third joint inventor: Victor W. Marek

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Inventor's signature:  Date: 10/27/97

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Residence: 2209 Madrone Way, Lexington, Kentucky 40513

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Citizenship: U.S.A.

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Post Office Address: 773 Anderson Hall, Lexington, Kentucky 40506-0046

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Post Office Address: 773 Anderson Hall, Lexington, Kentucky 40506-0046

Country	Year	Population (millions)	GDP (billion USD)	Per capita GDP (USD)	Life expectancy (years)	Infant mortality (per 1,000 live births)	Unemployment (%)	Urban population (%)	Health expenditure (billion USD)	Health expenditure per capita (USD)
Algeria	1990	12.5	15.0	1,200	72	15	10	65	0.5	40
Algeria	1995	13.0	18.0	1,380	73	12	10	65	0.6	46
Algeria	2000	13.5	20.0	1,480	74	10	10	65	0.7	51
Algeria	2005	14.0	22.0	1,570	75	8	10	65	0.8	57
Algeria	2010	14.5	24.0	1,650	76	7	10	65	0.9	62
Algeria	2015	15.0	26.0	1,730	77	6	10	65	1.0	67
Algeria	2020	15.5	28.0	1,800	78	5	10	65	1.1	71
Algeria	2025	16.0	30.0	1,870	79	4	10	65	1.2	75
Algeria	2030	16.5	32.0	1,930	80	3	10	65	1.3	79
Algeria	2035	17.0	34.0	2,000	81	2	10	65	1.4	83
Algeria	2040	17.5	36.0	2,050	82	2	10	65	1.5	87
Algeria	2045	18.0	38.0	2,110	83	1	10	65	1.6	91
Algeria	2050	18.5	40.0	2,160	84	1	10	65	1.7	95
Algeria	2055	19.0	42.0	2,210	85	1	10	65	1.8	99
Algeria	2060	19.5	44.0	2,250	86	1	10	65	1.9	103
Algeria	2065	20.0	46.0	2,300	87	1	10	65	2.0	107
Algeria	2070	20.5	48.0	2,340	88	1	10	65	2.1	111
Algeria	2075	21.0	50.0	2,380	89	1	10	65	2.2	115
Algeria	2080	21.5	52.0	2,420	90	1	10	65	2.3	119
Algeria	2085	22.0	54.0	2,450	91	1	10	65	2.4	123
Algeria	2090	22.5	56.0	2,480	92	1	10	65	2.5	127
Algeria	2095	23.0	58.0	2,520	93	1	10	65	2.6	131
Algeria	2100	23.5	60.0	2,550	94	1	10	65	2.7	135
Algeria	2105	24.0	62.0	2,580	95	1	10	65	2.8	139
Algeria	2110	24.5	64.0	2,610	96	1	10	65	2.9	143
Algeria	2115	25.0	66.0	2,640	97	1	10	65	3.0	147
Algeria	2120	25.5	68.0	2,670	98	1	10	65	3.1	151
Algeria	2125	26.0	70.0	2,700	99	1	10	65	3.2	155
Algeria	2130	26.5	72.0	2,730	100	1	10	65	3.3	159
Algeria	2135	27.0	74.0	2,760	101	1	10	65	3.4	163
Algeria	2140	27.5	76.0	2,790	102	1	10	65	3.5	167
Algeria	2145	28.0	78.0	2,820	103	1	10	65	3.6	171
Algeria	2150	28.5	80.0	2,850	104	1	10	65	3.7	175
Algeria	2155	29.0	82.0	2,880	105	1	10	65	3.8	179
Algeria	2160	29.5	84.0	2,910	106	1	10	65	3.9	183
Algeria	2165	30.0	86.0	2,940	107	1	10	65	4.0	187
Algeria	2170	30.5	88.0	2,970	108	1	10	65	4.1	191
Algeria	2175	31.0	90							

Docket No.: 2162-001

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM, the specification of which [x] is attached hereto [ ] was filed on an Application Serial No. and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefit under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority Claimed	
Number	Country	Day/Month/Year filed	Yes	No

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s):	
Application Number	Filing Date
MM129,856	October 30, 1996

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):		
Serial No.	Filing Date	Status: Patented, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Allan M. Lowe, Reg. No. 10,641; Robert L. Price, Reg. No. 22,085; Stephen A. Becker, Reg. No. 26,527; Robert D. LeBlanc, Reg. No. 17,210; Israel Gopstein, Reg. No. 27,333; Benjamin J. Hampton, Reg. No. 29,310; Kenneth E. Krosia, Reg. No. 25,735; Frank P. Frank, Reg. No. 19,838; Gilberto M. Villacorta, Reg. No. 34,037; Jane Z. Robinson, Reg. No. 33,351; Chittaranjan N. Nirmal, Reg. No. 30,408; Keith E. George, Reg. No. 34,111; Arthur J. Steiner, Reg. No. 26,106; Edward J. Wise, Reg. No. 34,523; David L. Stewart, Reg. No. 37,578; John A. Jenkins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,824; Alexander Vampolsky, Reg. No. 36,324; Timothy E. DeWitt, Reg. No. 35,857; William H. Bush, Reg. No. 38,038; Frank H. Donner, Reg. No. 35,120; Eric J. Kraus, Reg. No. 36,199; Louis R. Turkevich, Reg. No. 34,035; Michael D. McCabe, Jr., Reg. No. 37,182; Edward A. Becker, Reg. No. 37,777; Kenneth M. Berner, Reg. No. 37,093; James J. Meadows, Reg. No. 33,965; Stephen C. Carlson, Reg. No. 39,929; Michael G. Gilman, Reg. No. 19,114; Glenn Snyder, Reg. No. 41,428; Thomas A. Jolly, Reg. No. 39,241; Keith J. Twardoni, Reg. No. 40,398; David J. Kurbina, Reg. No. 36,588; Michael A. Messina, Reg. No. 35,424; Andrew H. Rawlinn, Reg. No. 34,702; Christopher D. Ward, Reg. No. 41,367; Paul A. Roberts, Reg. No. 40,285 and Donald D. Thayer, Reg. No. 34,307, all of

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**Alexandria, Virginia 22314**

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of maker or first inventor: Richard J. Kavinelli

**Inventor's Signature**

Date: 11/27/93

Residence: 2504 MANHATTAN VIEW COURT, LEXINGTON, KY 40513

**CITIZENSHIP: U.S.A.**

Phal. Office Address: 2224 Young Drive, Lexington, Kentucky 40505

Full name of second joint inventor: William Sumner, Jr.

investor's signature:

DATE: 10/28/97

Residence: 161 SLOCUM AVE WEBSTER GROVES MO 63119

**Chlorothal: U.S.A.**

Post Office Address: 660 S. Ryelid Avenue, St. Louis, Missouri 63110-1093

Full name of third joint inventor: Victor W. Matak

**Inventor's signature:**

שנים

Residence: 2209 Madison Way, Lexington, Kentucky 40513

**Citizenship, U.S.A.**

Post Office Address: 773 Anderson Hall, Lexington, Kentucky 40506-0046

Oct. 29 1997 09:45AM P4

Date:

Post Office Address: 773 Anderson Hall, Lexington, Kentucky 40506-0046

[illegible]

Docket No.: 2168-001

ASSIGNMENT

WHEREAS WE, Walton Sumner, II, Richard J. Rovinelli, Victor W. Marek and Miroslaw Truszczyński of St. Louis, Missouri, Lexington, Kentucky, Lexington, Kentucky and Lexington, Kentucky, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION, AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on  
States Serial No. :

, and identified by United

AND WHEREAS, American Board of Family Practice, Inc., a corporation of the State of \_\_\_\_\_ and having an address of 1400 Vine Center Tower, P.O. Box 1808, Lexington, KY 40593-8500 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto American Board of Family Practice, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including provisional patent application Serial No. 60/029,856 filed October 30, 1996, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention. and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said American Board of Family Practice, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Walton Sumner, II

Date

Richard J. Rovinelli

Date

10/23/97

Victor W. Marek

Date

Miroslaw Truszczyński



Docket No.: 2168-001

ASSIGNMENT

WHEREAS WE, Walton Sumner, II, Richard J. Rovinelli, Victor W. Marek and Miroslaw Truszczyński of St. Louis, Missouri, Lexington, Kentucky, Lexington, Kentucky and Lexington, Kentucky, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION, AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM**,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on \_\_\_\_\_  
States Serial No. \_\_\_\_\_;

, and identified by United

AND WHEREAS, American Board of Family Practice, Inc., a corporation of the State of \_\_\_\_\_ and having an address of 1400 Vine Center Tower, P.O. Box 1808, Lexington, KY 40593-8500 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto American Board of Family Practice, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including provisional patent application Serial No. 60/029,856 filed October 30, 1996, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assignor and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said American Board of Family Practice, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Walton Sumner, II

Date

Richard J. Rovinelli

Date

Victor W. Marek

Date

10/23/97

Miroslaw Truszczyński

My commission expires \_\_\_\_\_

Docket No.: 2168-001

ASSIGNMENT

WHEREAS WE, Walton Sumner, II, Richard J. Rovinelli, Victor W. Marek and Miroslaw Truszczyński of St. Louis, Missouri, Lexington, Kentucky, Lexington, Kentucky and Lexington, Kentucky, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION, AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;


AND WHEREAS, American Board of Family Practice, Inc., a corporation of the State of \_\_\_\_\_ and having an address of 1400 Vine Center Tower, P.O. Box 1808, Lexington, KY 40593-8500 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto American Board of Family Practice, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including provisional patent application Serial No. 60/029,856 filed October 30, 1996, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said American Board of Family Practice, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

10/26/97  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Walton Sumner, II

\_\_\_\_\_  
Date

\_\_\_\_\_  
Richard J. Rovinelli

\_\_\_\_\_  
Date

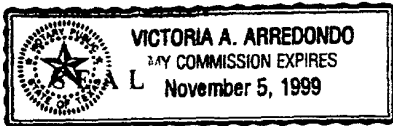
\_\_\_\_\_  
Victor W. Marek

\_\_\_\_\_  
Date

\_\_\_\_\_  
Miroslaw Truszczyński

STATE OF Texas )  
 ) SS:  
COUNTY OF Harris )

On this 26<sup>th</sup> day of October, 1997, before me personally appeared Walton Sumner, II, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



Victoria A. Arredondo  
Notary Public  
My commission expires Nov. 5, 1999

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Richard J. Rovinelli, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Victor W. Marek, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_)

) **SS:**

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Miroslaw Truszczynski, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

**S E A L**

**Notary Public**

**My commission expires**

[illegible]

Docket No.: 2168-001

## ASSIGNMENT

WHEREAS WE, Walton Sumner, II, Richard J. Rovinelli, Victor W. Marek and Mirosław Truszczyński of St. Louis, Missouri, Lexington, Kentucky, Lexington, Kentucky and Lexington, Kentucky, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **COMPUTER ARCHITECTURE AND PROCESS OF PATIENT GENERATION EVOLUTION, AND SIMULATION FOR COMPUTER BASED TESTING SYSTEM**,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;

AND WHEREAS, American Board of Family Practice, Inc., a corporation of the State of \_\_\_\_\_ and having an address of 1400 Vine Center Tower, P.O. Box 1308, Lexington, KY 40593-8500 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto American Board of Family Practice, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including provisional patent application Serial No. 60/029,856 filed October 30, 1996, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said American Board of Family Practice, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

10/29/97  
\_\_\_\_\_  
Date

Richard J. Rovinelli  
Richard J. Rovinelli

\_\_\_\_\_  
Date

\_\_\_\_\_  
Walton Sumner, II

\_\_\_\_\_  
Date

\_\_\_\_\_  
Victor W. Marek

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mirosław Truszczyński

STATE OF Kentucky )  
State AT large ) SS:  
COUNTY OF Kentucky )

On this 29 day of October, 1997, before me personally appeared Richard J. Rovinelli, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Marsha P. Harris  
Notary Public

My commission expires May 17, 1998

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Walton Sumner, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Victor W. Marek, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1997, before me personally appeared Miroslaw Truszczyński, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

S E A L

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

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